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| FORM PTO-1390 MODIFIED | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 2551-158 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/509094 Unassigned |
| INTERNATIONAL APPLICATION NO. PCT/EP02/03559 | INTERNATIONAL FILING DATE 29 March 2002 | PRIORITY DATE CLAIMED 29 March 2002 |
| TITLE OF INVENTION HBV DRUG RESISTANCE DRUG RESISTANCE DETECTION METHODS | | |
| APPLICANT(S) FOR DO/EO/US BOZDAYI | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (72 pages specification, claims & abstract (37 claims), 4 sheets drawings). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation <ol style="list-style-type: none"> <input type="checkbox"/> of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation). <input type="checkbox"/> of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). See item 6.b. above. Items 11 To 20 below concern document(s) or information included: <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information. PTO 1449 Form and International Search Report, paper (7 pages) & computer readable copies of Sequence Listing | | |

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| U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5) 10/509094 Unassigned | INTERNATIONAL APPLICATION NO. PCT/EP02/03559 | ATTORNEY'S DOCKET NUMBER 2551-158 |
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| 21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1080.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$920.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$770.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$730.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">920.00</div> </div> Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">130.00</div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>36</td> <td>minus 20 =</td> <td>16</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>minus 3 =</td> <td>0</td> <td>X \$86.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>\$290.00</td> </tr> <tr> <td colspan="4">Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1338.00</td> </tr> </tbody> </table> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">0.00</div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">1338.00</div> </div> Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">0.00</div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">1338.00</div> </div> Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">0.00</div> </div> Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00) <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">0.00</div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">\$</div> <div style="border: 1px solid black; padding: 2px 10px;">1338.00</div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 10%; text-align: center;">Amount to be:</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">refunded</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Charged</td> <td style="text-align: center;">\$</td> <td></td> </tr> </table> | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | Total Claims | 36 | minus 20 = | 16 | X \$18.00 | Independent Claims | 2 | minus 3 = | 0 | X \$86.00 | MULTIPLE DEPENDENT CLAIMS(S) (if applicable) | | | | \$290.00 | Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months) | | | | \$ 0.00 | TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1338.00 | | Amount to be: | | | | refunded | \$ | | | Charged | \$ | | CALCULATIONS PTO USE ONLY |
|--|---------------|--------------|--------------|-------------------|--|--------------|----|------------|----|-----------|--------------------|---|-----------|---|-----------|--|--|--|--|----------|--|--|--|--|---------|--------------------------------------|--|--|--|-------------------|--|---------------|--|--|--|----------|----|--|--|---------|----|--|----------------------------------|
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| | refunded | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Charged | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

a. ☒ A check in the amount of \$1338.00 to cover the above fees is enclosed.
 b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
 d. ☒ The entire content of International Application No. **PCT/EP02/03559** and any U.S. and foreign application(s) corresponding thereto, and _____, referred to in this application is/are hereby incorporated by reference in this application.
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.
CORRESPONDENCE ADDRESS
Direct all correspondence to:

☒ **Customer Number:**

23117

Place Customer
Number Bar
Label Here →

Type Customer Number here

Telephone: (703) 816-4000
 BJS:

B. J. Sadoff
 NAME

September 28, 2004
 Date

36,663
 REGISTRATION NUMBER